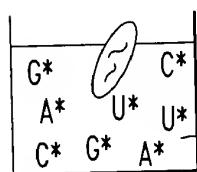
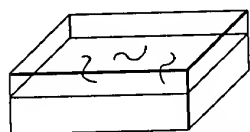
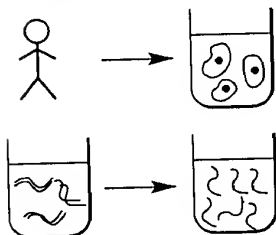
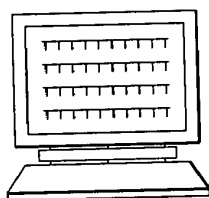
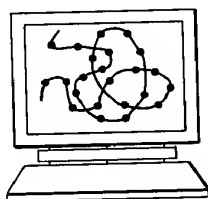
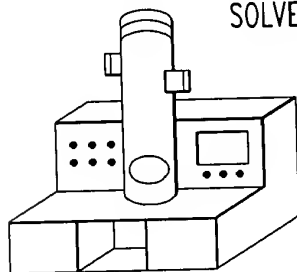


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EXPERIMENTAL CONCEPT



ORGANIC SOLVENT



EXPERIMENTAL STEPS

COLLECTION OF DNA

DNA MELTING INTO SINGLE CHAIN

ELONGATION OF SINGLE-CHAIN DNA IN THE AIR

TRANSFERRING DNA ONTO TEM GRID

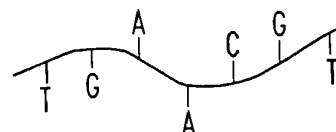
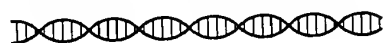
BASE PAIRS LABELED WITH HEAVY ELEMENTS

OBSERVATION THROUGH TEM

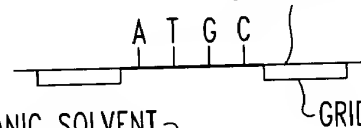
IMAGE ANALYSIS FOR DISCRIMINATING LABELED HEAVY ELEMENTS

DNA SEQUENCE ANALYSIS

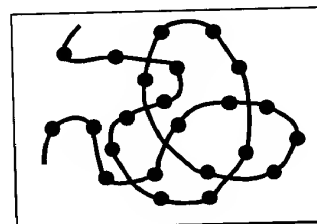
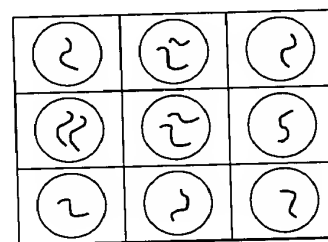
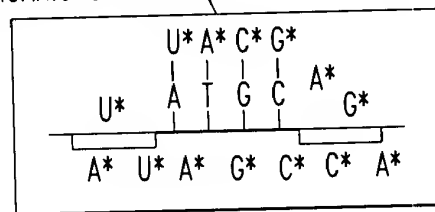
CONCEPT OF DNA MOLECULES



SUPPORT FILM



ORGANIC SOLVENT



T G A A C G T

FIG.1

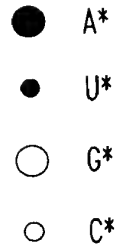


FIG. 2